TITLE FSAN position on the PSD proposal for SDSL in WD18

PROJECT SDSL

SOURCE: KPN/FSAN

Author. Rob van den Brink, KPN Research

Supported by: Don Clarke, BT

John Cook. BT

Jean-Marc Corolleur, France Telecom
Peter Havezov, Deutsche Telekom

Rosaria Persico, CSELT-Telecom Italia Group

Philippe Repond, Swisscom Mikael Isaksson, Telia Tomas Nordström, Telia

Gye Tae Kihl Korea Telecom

CONTACT R.F.M. van den Brink tel: +31 70 3325389

KPN Research, fax: +31 70 3326477

PO Box 421 email: R.F.M.vandenBrink@research.kpn.com

2260 AK Leidschendam

The Netherlands

STATUS for decision

ABSTRACT After study, the operators that work together within the FSAN xDSL working

group, support the PSD proposal in WD18 ([1], Edinburgh) from a spectral compatibility point of view. SDSL performance issues were not considered in this

study.

We telco's have made several studies on the spectral compatibility impact of the proposed SDSL PSD to existing services, since this PSD was supported by several vendors [1]. The simulation results have been discussed in detail with all the operators that joined the FSAN/xDSL meeting (18-20 okt, Leidschendam, The Netherlands).

As a result of that FSAN/xDSL discussion, we are pleased to present the following position:

FSAN Position statement

From our study we are convinced that there are no spectral compatibility problems arising from the PSD proposal (WD18, Edinburgh, [1]), and we support it from the spectral compatibility point of view. This contribution addresses only the <u>spectral compatibility</u> issues for existing systems: ADSL over POTS, ADSL over ISDN, ISDN-BA and HDSL.

This FSAN statement on SDSL PSDs does not address SDSL <u>performance</u>, which were not considered in the study.

References

[1] Jim **Girardeau** et. al.: "Scalable PSD for SDSL" (Source: Adtran, Level One Communications. Alcatel KE, Conexant, Lucent. Globespan, Metalink, Infineon, Siemens), ETSI-TM6 working document WD18 (993w18a0), Edinburgh, Sept 1999.